



Occurrence Details

Occurrence Number: 105H 048
Occurrence Name: Ted
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/16/2025 2:00:06 PM

General Information

Secondary Commodities: barite, gold, lead, silver, zinc
Deposit Type(s): Vein Barite
Location(s): 61°38'15" N - -129°52'36" W
NTS Mapsheet(s): 105H12
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Ted cl (Y6586) in Oct/66 by Atlas EL, which mapped and sampled in 1966-67. Restaked as Test cl (Y64576) in Jul/72 and Aug/73 by Barry Watson and A. Harman, and as Tan cl 1-96 (YA28319) in Apr/78 and Mar/79 by Sovereign Metals Corporation, which built a tote road to the property and explored with mapping and trenching in 1979 and 1980.

Capsule Geology

The property is underlain by Devonian-Mississippian shale, chert, quartzite and limestone. Barite occurs in concordant layers and as vein-stockwork zones. Barite beds are up to 10 m long and average 20 to 30 cm thick, and are spaced 3 cm to 70 m apart.
The best zone (A) is up to 4 m thick and 80 m long and assays 85 to 95% barite. Reserves of 725 tonnes per vertical metre were calculated for this zone.
The largest concentration of barite veins occurs in Zone B, 600 m south of Zone A, where five veins were trenching within a 210 m wide stockwork complex. One vein contains quartz breccia with sulphides. Selected specimens assayed up to 0.4% Pb, 1.6% Zn, 48.0 g/t Ag and 0.18 g/t Au.
A geochemical survey outlined four weak Pb-Zn-Ag anomalies.

References

GEORGE CROSS NEWSLETTER, 4 Jul/79.

PAMICON DEVELOPMENTS LTD and SOVEREIGN METALS CORPORATION, 1981. Assessment Report *#090807 by D. Yeager and T.C. Scott.

SOVEREIGN METALS CORPORATION, Jun/79. Assessment Report *#090475 by T.C. Scott.

SOVEREIGN METALS CORPORATION, May/81. Assessment Report #090619 by C.K. Ikona.

WESTERN MINER, Nov/66, p. 26.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 186.

YUKON EXPLORATION AND GEOLOGY 1981, p. 142.

Work History

Date	Work Type	Comment
12/31/1979	Geology	
12/31/1979	Development, Surface	
12/31/1979	Trenching	
12/31/1966	Geology	
12/31/1966	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090475	1979	Preliminary Report on the Barite Occurrences of the Tan 1-96 Mineral Claims	Rock - Geochemistry, Line Cutting - Other, Mechanical - Trenching		
018903	1968	Sheldon O.E.X. Final Report (Geochemistry and Geology)	Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC008134	Geologic, geochemical showings, assay and claim group map of sheet 105H-12 - Ross River		Property File Collection	Geochemical Map
ARMC013779	Geologic, geochemical showings, assay and claim group map of Sheet 105H/12 - Ross River, Y.T.		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016607	Geochemical map - 105H/12 - Leckie Lake		Property File Collection	Geochemical Map
ARMC013777	Notes, memo and correspondence - Ted group		Property File Collection	Miscellaneous Company Documents
ARMC013775	Sketch map of Ted group showing traverse lines - A Lake prospect		Property File Collection	Geoscience Map (General)
ARMC013773	Soil sample sketch map - Ted group		Property File Collection	Geochemical Map
ARMC013778	Analytical work sheets - Geochemical - Report No. A43 - Ted group		Property File Collection	Assays
ARMC018715	Field map - Leckie Lake area - 105H/13, 105H/12		Property File Collection	Geoscience Map (General)
ARMC013776	Field notes - Ted group		Property File Collection	Miscellaneous Company Documents
ARMC013774	Claim sketch map - The "Ted" group		Property File Collection	Geoscience Map (General)